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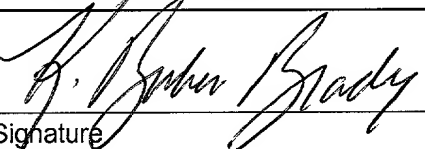

Luis A. Cruz
Printed name of person mailing correspondence

Signature of person mailing correspondence

UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. § 1.53(b)

Attorney Docket Number	01997/201006
Applicant	H. Robert Horvitz and Michael Hengartner
Title	IDENTIFICATION AND CHARACTERIZATION OF A GENE WHICH PROTECTS CELLS FROM PROGRAMMED CELL DEATH AND USES THEREFOR
PRIORITY INFORMATION:	
This application is a continuation-in-part of and claims priority from United States patent application U.S.S.N. 09/234,186, filed on January 20, 1999, which in turn is a divisional of U.S.S.N. 08/801,248, filed on February 19, 1997, now abandoned, which in turn is a continuation of U.S.S.N. 08/288,295, filed on August 10, 1994, now abandoned, which in turn is a divisional of U.S.S.N. 07/927,681, filed on August 10, 1992, now abandoned, and, which in turn is a continuation-in-part of U.S.S.N. 07/898,933, filed on June 12, 1992, now abandoned.	
SMALL ENTITY STATUS:	
<input type="checkbox"/> Applicant claims small entity status under 37 C.F.R. § 1.27.	
APPLICATION ELEMENTS:	
Cover sheet	1 page
Specification	55 pages
Claims	1 page
Abstract	1 page
Drawing	22 sheets
Combined Declaration and POA, which is: <input type="checkbox"/> Unsigned; <input type="checkbox"/> Newly signed for this application; <input type="checkbox"/> A copy from prior application [**SERIAL NUMBER**] and the entire disclosure of the prior application is considered as being part of the disclosure of this new application and is hereby incorporated by reference therein.	3 pages
Sequence Statement	2 pages
Sequence Listing on Paper	13 pages
Sequence Listing on Diskette	1 disk

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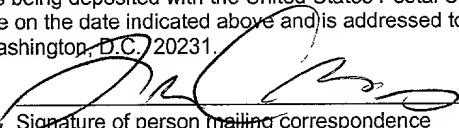
Small Entity Statement, which is: <input type="checkbox"/> A copy from prior application [**SERIAL NUMBER**] and such small entity status is still proper and desired.	[**] pages
Preliminary Amendment	[**] pages
IDS	[**] pages
Form PTO 1449	[**] pages
Cited References	[**] references
Recordation Form Cover Sheet and Assignment	[**] pages
English Translation	[**] pages
Certified Copy of Priority Document	[**] pages
Return Receipt Postcard	1
FILING FEES:	
Basic Filing Fee: \$740	\$740.00
Excess Claims Fee: $18 - 20 = 0 \times \$18$	\$0.00
Excess Independent Claims Fee: $3 - 3 = 0 \times \$84$	\$0.00
Multiple Dependent Claims Fee: \$280	\$280.00
Total Fees:	\$1,020.00
<input checked="" type="checkbox"/> Enclosed is a check for 1,020.00 to cover the total fees. <input type="checkbox"/> Charge [**AMOUNT**] to Deposit Account No. 03-2095 to cover the total fees. <input type="checkbox"/> The filing fee is not being paid at this time. <input checked="" type="checkbox"/> Please apply any other charges, or any credits, to Deposit Account No. 03-2095.	
CORRESPONDENCE ADDRESS:	
Kristina Bieker-Brady, Ph.D. Reg. No. 39,109 Clark & Elbing LLP 176 Federal Street Boston, MA 02110 <div style="text-align: right;"> Telephone: 617-428-0200 Facsimile: 617-428-7045 </div>	
CUSTOMER NO: 21559	
 Signature	 Date

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21559

PATENT, TRADEMARK OFFICE

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<u>Luis A. Cruz</u> Printed name of person mailing correspondence	 Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: H. Robert Horvitz et al.

Art Unit:

Serial No.:

Examiner:

Filed: November 6, 2001

Customer No.: 21559

Title: IDENTIFICATION AND CHARACTERIZATION OF A GENE
WHICH PROTECTS CELLS FROM PROGRAMMED CELL DEATH
AND USES THEREFOR

Assistant Commissioner For Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. § 1.821

As part of the patent application filed herewith, enclosed is a sequence listing in accordance with the requirements of 37 C.F.R. §§ 1.821 through 1.825 and consisting of 13 pages.

As required by 37 C.F.R. § 1.821(c), the sequence listing appears as a separate part of the application and is found after the Combined Declaration and Power of Attorney. Each sequence in the application appears separately in the sequence listing. And each sequence in the sequence listing is assigned a separate sequence identifier.

As required by 37 C.F.R. § 1.821(d), the sequence identifiers are used throughout

Demographics		Background		Treatment		Outcome	
Age	60.0	Age	60.0	Age	60.0	Age	60.0
Sex	Male	Sex	Male	Sex	Male	Sex	Male
Education	High School	Education	High School	Education	High School	Education	High School
Income	\$10,000	Income	\$10,000	Income	\$10,000	Income	\$10,000
Marital Status	Married	Marital Status	Married	Marital Status	Married	Marital Status	Married
Employment	Unemployed	Employment	Unemployed	Employment	Unemployed	Employment	Unemployed
Health Status	Good	Health Status	Good	Health Status	Good	Health Status	Good
Comorbidities	None	Comorbidities	None	Comorbidities	None	Comorbidities	None
Medication	None	Medication	None	Medication	None	Medication	None
Follow-up	12 months	Follow-up	12 months	Follow-up	12 months	Follow-up	12 months
Adherence	High	Adherence	High	Adherence	High	Adherence	High
Quality of Life	High	Quality of Life	High	Quality of Life	High	Quality of Life	High
Satisfaction	High	Satisfaction	High	Satisfaction	High	Satisfaction	High
Cost	Low	Cost	Low	Cost	Low	Cost	Low
Effectiveness	High	Effectiveness	High	Effectiveness	High	Effectiveness	High
Safety	High	Safety	High	Safety	High	Safety	High
Acceptability	High	Acceptability	High	Acceptability	High	Acceptability	High
Feasibility	High	Feasibility	High	Feasibility	High	Feasibility	High
Equity	High	Equity	High	Equity	High	Equity	High
Transparency	High	Transparency	High	Transparency	High	Transparency	High
Accountability	High	Accountability	High	Accountability	High	Accountability	High
Participation	High	Participation	High	Participation	High	Participation	High
Empowerment	High	Empowerment	High	Empowerment	High	Empowerment	High
Collaboration	High	Collaboration	High	Collaboration	High	Collaboration	High
Communication	High	Communication	High	Communication	High	Communication	High
Relationship	High	Relationship	High	Relationship	High	Relationship	High
Trust	High	Trust	High	Trust	High	Trust	High
Respect	High	Respect	High	Respect	High	Respect	High
Dignity	High	Dignity	High	Dignity	High	Dignity	High
Privacy	High	Privacy	High	Privacy	High	Privacy	High
Security	High	Security	High	Security	High	Security	High
Stability	High	Stability	High	Stability	High	Stability	High
Continuity	High	Continuity	High	Continuity	High	Continuity	High
Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High
Coordination	High	Coordination	High	Coordination	High	Coordination	High
Collaboration	High	Collaboration	High	Collaboration	High	Collaboration	High
Communication	High	Communication	High	Communication	High	Communication	High
Relationship	High	Relationship	High	Relationship	High	Relationship	High
Trust	High	Trust	High	Trust	High	Trust	High
Respect	High	Respect	High	Respect	High	Respect	High
Dignity	High	Dignity	High	Dignity	High	Dignity	High
Privacy	High	Privacy	High	Privacy	High	Privacy	High
Security	High	Security	High	Security	High	Security	High
Stability	High	Stability	High	Stability	High	Stability	High
Continuity	High	Continuity	High	Continuity	High	Continuity	High
Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High
Coordination	High	Coordination	High	Coordination	High	Coordination	High
Collaboration	High	Collaboration	High	Collaboration	High	Collaboration	High
Communication	High	Communication	High	Communication	High	Communication	High
Relationship	High	Relationship	High	Relationship	High	Relationship	High
Trust	High	Trust	High	Trust	High	Trust	High
Respect	High	Respect	High	Respect	High	Respect	High
Dignity	High	Dignity	High	Dignity	High	Dignity	High
Privacy	High	Privacy	High	Privacy	High	Privacy	High
Security	High	Security	High	Security	High	Security	High
Stability	High	Stability	High	Stability	High	Stability	High
Continuity	High	Continuity	High	Continuity	High	Continuity	High
Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High	Comprehensiveness	High
Coordination	High	Coordination	High	Coordination	High	Coordination	High
Collaboration	High	Collaboration	High	Collaboration	High	Collabor	

If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Date:

~~Kristina Bieker-Brady, Ph.D.~~
~~Reg. No. 39,109~~

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